

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application of: William Frank Turner

For: **SPHERICAL FLUID MACHINE WITH CONTROL MECHANISM**

Continuation Application of U. S. Application Serial No. 09/376,032, filed on August 17, 1999  
Examiner: J. Vrablik

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, BOX ISSUE FEE, Washington, DC 20231, on:	
<u>March 8, 2001</u>	
Date of Deposit	
<u>Yanela O. Carpenter</u>	<u>Yanela O. Carpenter</u>
Name of Applicant, Assignee, or Registered Representative	

**PRELIMINARY AMENDMENT**

Prior to initial examination of the above-identified patent application, please amend the application as follows:

Page 2, before TECHNICAL FIELD, please amend the specification by adding "CROSS-REFERENCE TO RELATED APPLICATION", this application is a continuation of co-pending U. S. Serial No. 09/376,032, filed August 17, 1999, entitled: SPHERICAL FLUID MACHINE WITH CONTROL MECHANISM by William Frank Turner.

Pursuant to Section 1.312 of the MPEP, please amend the above-identified application as follows to correct minor informalities and typographical errors:

**IN THE SPECIFICATION**

Please amend the specification as follows:

Page 3, line 4, delete "in" and insert --within--.

- Page 3, lines 4-5, delete “ within the housing”.
- Page 3, line 26, delete “that” and insert --the--.
- Page 5, line 5, delete “such devices,” and insert --the present invention,--.
- Page 5, line 8, delete “farther” and insert --further from--.
- Page 6, line 5, after “primary” insert --pivotal--.
- Page 9, line 8, delete “pump in the”.
- Page 9, line 9, before “neutral” insert --90° or--.
- Page 11, line 23, after “hemispherical” insert --interior--.
- Page 11, line 26, after “housing” insert --half or--.
- Page 12, line 1, delete “16, 18” and insert --14, 16--.
- Page 12, line 6, delete “20” (first occurrence) and insert --21--.
- Page 13, line 27, after “62” insert --,--.
- Page 13, line 28, delete “and vane members”.
- Page 14, line 1, delete “other”.
- Page 14, line 6, delete “inner” and insert --flat--.
- Page 14, line 14, delete “inner” and insert --flat--.
- Page 15, line 8, after “82” insert --,--.
- Page 15, line 8, after “82” delete “and vane members”.
- Page 15, line 26, delete “86, 88” and insert --76, 78--.
- Page 16, line 6, delete “rotary” and insert --main input--.
- Page 16, line 24, after “16,” insert --as--.
- Page 18, line 6, before “portion” insert --spherical--.
- Page 18, line 10, after “portion” insert --102--.
- Page 20, line 21, before “cavity” insert --collar--.
- Page 21, line 7, delete “124” and insert --120--.
- Page 22, line 3, delete “50” and insert --52--.
- Page 22, line 4, delete “98” and insert --54--.
- Page 22, line 15, after “secondary vane” (first occurrence) insert --54--.
- Page 22, line 20, after “axis” insert --245--.
- Page 22, line 27, delete “8B-14” and insert --9-14--.
- Page 23, line 31, after “As” insert --shown in Figures 9A and 9C, as--.
- Page 24, line 5, after “104” insert --(not shown)--.

Page 29, line 18, after "chambers" insert --248, 250--.

Page 29, line 30, after "and" insert --secondary--.

Page 29, line 31, before vanes 98" insert --secondary--.

Page 31, line 16, delete "262' " and insert --266--.

Page 32, line 11, after "22" delete the comma and insert --and--.

Page 32, line 12, delete "270, 272, respectively." and insert --271, 272.--.

Page 32, line 13, delete "270" and insert --271--.

Page 32, line 18, delete "23" and insert --22--.

Page 32, line 19, delete "272" and insert --271--.

Page 32, line 24, delete "82" insert --82'--.

Page 32, line 30, delete "22" and insert --23--.

Page 32, line 30, delete "270" and insert --272--.

Page 32, line 32, delete "272" and insert --271--.

Page 33, line 3, delete "member" insert --members--.

Page 34, line 25, after "capacity" insert --to be--.

Page 35, line 1, after "lever" insert --120--.

Page 35, line 2, after "plate" insert --260--.

Page 35, line 11, delete "features".

#### In the Claims:

Please cancel claims 2 through 64.

#### In the Drawings:

Enclosed is a copy of the Request to Approve Drawing Changes filed on October 20, 2000. Changes were approved by the Examiner as noted in the Notice of Allowability dated December 13, 2000. Also enclosed is a second Request to Approve Drawing Changes filed on January 19, 2001.

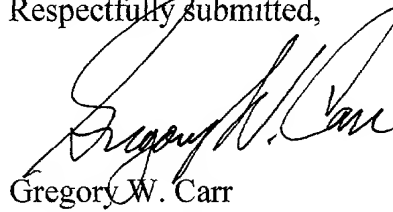
**REMARKS**

This is a Rule 153 (b) Continuation Application of co-pending application Serial No. 09/376,032, filed on August 17, 1999, for which a Notice of Allowance has been received and is due to be paid by March 13, 2001. The filing fee for this application has been calculated based on the preliminary amendment.

Claims 2 through 64 have been canceled. Claim 1 is pending in this application.

New formal drawings are hereby submitted.

Respectfully submitted,



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